

GluR-?2 Polyclonal Antibody

Cat No: HR1AP6751

For research use only

Overview

Product Name	GluR-?2 Polyclonal Antibody
Source	Rabbit
Applications	WB,IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	113kDa
GeneID?Human?	GRID2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	GRID2; GLURD2; Glutamate receptor delta-2 subunit; GluR delta-2 subunit
Background	<p>glutamate ionotropic receptor delta type subunit 2(GRID2) Homo sapiens The protein encoded by this gene is a member of the family of ionotropic glutamate receptors which are the predominant excitatory neurotransmitter receptors in the mammalian brain. The encoded protein is a multi-pass membrane protein that is expressed selectively in cerebellar Purkinje cells. A point mutation in the mouse ortholog, associated with the phenotype named 'lurcher', in the heterozygous state leads to ataxia resulting from selective, cell-autonomous apoptosis of cerebellar Purkinje cells during postnatal development. Mice homozygous for this mutation die shortly after birth from massive loss of mid- and hindbrain neurons during late embryogenesis. This protein also plays a role in synapse organization between parallel fibers and Purkinje cells. Alternate splicing results in multiple transcript variants encoding distinct isoforms. Mutations in this</p>